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Teaching Methods	Experimentation	Religion	Humanities	Mathematics
Curricula	Talent Factor	Philosophy	English	Sciences
	Advanced Placement-Standing		Languages	Physical Ed.
	Co-curricular Activities	Curriculum	Seminars	Boys

17. ABSTRACT (MAX. 250 WORDS)

Calasanctius Preparatory School Buffalo, N.Y.

Aimed at gifted children, the Calasanctius Preparatory School attempts to improve teaching methods and curricula for these children through research and experimentation. Through a challenging program, academically talented children are assisted in developing their talents, preparing for Advanced Placement in college, and developing moral responsibility. Courses include Religion, Philosophy and Theology, Humanities (English, Languages and Social Studies), Mathematics, Sciences, Related Field Studies, Physical Education, and Co-Curricular Activities. Seminars are held in each of the courses.

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CALASANCTIUS PREPARATORY SCHOOL
FOR GIFTED BOYS

OUTLINE OF CURRICULUM AND
DESCRIPTION OF COURSES OF STUDY

Published by the Headmaster
Calasanctius Preparatory School

175 Windsor Avenue Buffalo, N.Y. 14209

Publication Date
December 1
1963

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PURPOSE OF THE CALASANCTIUS PREPARATORY SCHOOL

The Calasanctius Preparatory School was founded September 11, 1957, in Buffalo, New York, to improve teaching methods and curricula for gifted children through research and experimentation, and assist ACADEMICALLY TALENTED CHILDREN to:

UNFOLD THEIR TALENTS;

PREPARE THROUGH A CHALLENGING PROGRAM FOR ADVANCED PLACEMENT IN COLLEGE;

DEVELOP MORAL RESPONSIBILITY IN THE SPIRIT OF THE SCHOOL'S MOTTO:

PIETATI ET LITTERIS - FOR DEVOTION AND LETTERS.

* * * * * *

EXPLANATORY NOTES

COURSE NUMBERS - Assigned for purpose of identification and description of courses; these correspond to numbers used on progress report cards.

SUBJECT - All those listed are two-semester courses, unless otherwise specified.

MATERIAL COVERED - Indicates course content.

WEEKLY PERIODS - Indicates number of class periods per week in each subject. The class periods are forty-five minutes in duration with five minute intervals between classes.

UNIT VALUE - Valuation is indicated in Carnegie Units.
1 Carnegie Unit is assigned to each course, classes in which meet a minimum of four 45 minute weekly periods throughout an entire school year.
½ Carnegie Unit is assigned to those courses meeting for 2 to 3 periods per week.

GRADE ACHIEVED - Highest grades are sparingly granted to minimize the possibility of a lessening in effort by capable students, thereby endangering the achievement of their fullest potential.

95 - 100	SUPERIOR
90 - 94	EXCELLENT
85 - 89	VERY GOOD
75 - 84	GOOD
70 - 74	FAIR
65 - 69	POOR
below 65	NOT ACCEPTABLE

Students are selected on the basis of superior ability; since, however, there are the usual personality differences, as well as varied intellectual inclinations, it is not deemed important to grade the students as to rank (class standing).

SYMBOLS

A - Indicates that these courses meet the requirements of the Advanced Placement Examination Board or are on a college level.

E - Elective courses.

PHE - Physical Education credits.

CC - Co-curricular activities credits.

SEMINARS - Students of the 4th, 5th, and 6th forms are requested to select a special field of interest in which they will participate in rigorous seminar work. This work entails meeting with a selected tutor with a minimum of 4 periods each week, the presentation of a well-organized term paper in an assigned field of research or a laboratory project, and at the end of each school year an oral examination before a committee on the field represented by the term paper. The committee is selected from scholars outside the faculty.

FIELD TRIPS - Special field studies coordinated with classroom work. These include historical, geographical, and biological studies as well as language field studies.

A) RELIGION, PHILOSOPHY, THEOLOGY.

Religion is an integral part of school curriculum. The aim is to develop in the student a proper appreciation of his religious heritage, to help him see its intellectual and historical background, and to gain a proportionate insight into the problems of religious convictions. Religious instruction is given the students by the pastors of their respective faiths, according to the decision of their parents. Instruction in religions other than the Catholic faith is given in the school building parallel with the religious instruction of Catholic students.

In the upper forms courses in Philosophy and in the history of Philosophy are offered to assist our students in their critical and analytical approach to fundamental problems in the tradition of mankind. The courses in Religion in the upper school assume a rigorous and intellectually demanding presentation following the method of theological inquiry.

I) RELIGION

C: Catholic; P: Protestant; J: Jewish.

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
101	Religion C.I	Fundamentals of Christianity	3	½
102	Religion C. II	The Church and Sacraments. Life of Faith, Hope, and Charity.	3	½
103	Religion C. III	Foundations of Morality. Selected readings from the Old and New Testaments.	3	½
111	Religion P. I	Life of Christ.	3	½
112	Religion P. II	Great Men of the Bible.	3	½
113	Religion P. III	The Old and New Testaments.	3	½
121	Religion J. I	The Message of the Prophets.	3	½
122	Religion J. II	Jewish Literature through the Ages.	3	½

II) THEOLOGY

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
104	Theology C.I	Introduction to Theology. The Mystery of Trinity and Incarnation.	3	½
105	Theology C.II	The Mystery of Sanctification. The Unfolding of the Kingdom of God. Salient Points in the History of the Church.	3	½
106	Theology C.III	The Ways of Knowing and Loving God: Christian Existence.	3	½
114	Theology P.I	History of Christianity.	3	½
115	Theology P.II	Christian Morality.	3	½
116	Theology P.III	Problems of Christian Existence.	3	½
123	Theology J.	The Bible and Modern Man.	3	½
150 E	Theology a.	One semester course in selected topics, in the Biblical Field: _____	1	½
151 E	Theology b.	One semester course in selected topics, in the Field of Church History: _____	1	½
153 E	Theology c.	One semester course in selected topics, in the Field of Morality: _____	1	½
154 E	Theology d.	One semester course in selected topics, in the Field of Apologetics: _____	1	½

III) PHILOSOPHY and HISTORY OF PHILOSOPHY.

324	Hist.of Phil. I	Oriental Philosophies. Greek Philosophy. Neoplatonism. Origenes and Augustinus.	2	½
325	Hist.of Phil. II	Islam Philosophy of the Middle Ages. Scholasticism and the Synthesis of St. Thomas. Renaissance Philosophy. Modern and Contemporary Philosophers.	2	½
326 E	Philosophy a.	Reading and Analysis of individual works from the Oriental Philosophies: _____ (One-semester course)	1	½
327 E	Philosophy b.	Reading and Analysis of individual works from Greek Philosophy: _____ (One-semster course)	1	½
328 E	Philosophy c.	Reading and Analysis of individual works from Christian Philosophy: _____ (One-semester course)	1	½
329 E	Philosophy d.	Reading and Analysis of individual works from Modern and Contemporary Philosophy: _____ (One-semester course)	1	½

IV) SEMINARS IN THEOLOGY and PHILOSOPHY.

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
131 AE	Pre-Seminar in Philosophy	Methodological Considerations in Philosophy (for eligible juniors).	4	1
132 AE	Seminar in Theology	Methodological Considerations in Religious Sciences and Theology (for eligible juniors).	4	1
133 AE	Seminar in Theology	Selected Research Topics in Religious Sciences (for eligible seniors).	4	1
134 AE	Seminar in Philosophy	Selected Topics in Philosophical Problems (for eligible seniors).	4	1

B) HUMANITIES.

The Humanities program at Calasanctius Preparatory School is designed to develop a fine balance of Greek-Latin heritage with the tradition of the Old Testament and the all-embracing attitude of Christianity. The aim of the program is to instill an appreciation of the multiple forms of literary and artistic expression of the past and present; to create a deep respect for the human person as the image and co-worker of God; and to guide the student to an understanding of the rich world of human tradition. The program aims toward educating the individual in the spirit of Christian Humanism. "Nihil humanum aut divinum a me alienum puto - I do not think any human or divine alien to me".

The school endeavors to assist its students to know and understand this true humanism, this "central harmony", not only in Western civilizations, but in the great oriental cultures as well. This "catholic-universal" emphasis upon the heritage of both Western and Oriental civilizations gives a special flavor to the program of Humanities in the Calasanctius Preparatory School.

I) ENGLISH

The sequence of courses is designed to help students develop a consciousness of the construction of expository prose, to compel correct handling of the English language in spelling, punctuation, footnoting, grammar and syntax, and to encourage wide and discriminating reading in many literary forms.

The substance of the English courses is based primarily on the requirements for entrance to the leading institutions of higher learning, permitting advanced standing in English. The thoroughness of the studies at Calasanctius will be of advantage to every student, whether he chooses a scientific or humanistic (literary) career of studies.

Seminars in English will be offered as an elective to students in the upper forms who concentrate on humanities. English is offered for six years.

1) ENGLISH

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
201	English I	a) Selected short stories. Ballads. Greek Myths. Odyssey. b) Parts of speech. Use of dictionary. Punctuation. Diagrams. Spelling rules. Short compositions.	5	1
202	English II	a) Beowulf. Literary forms. One Shakespearean play. b) Book reports. Outlines. Phrases and clauses. Gerunds and participles. Research tools. Compositions.	5	1
203	English III	a) Narrative poetry. Lyric poetry. Analysis of one Shakespearean play and one novel. b) Longer compositions. Critical writing. Comprehensive review of grammar and spelling rules. Simple research paper.	5	1
204 A	English IV	a) Adavanced English grammar and composition. b) Survey of English literature: 1300-1780.	4	1
205 A	English V	a) History of the English language. b) Survey of American literature.	4	1
206 A	English VI	a) Literary criticism. b) Survey of English literature: 1780 to present.	4	1
211	English	Speech.	1	$\frac{1}{4}$
215 E	English	Creative writing.	1	$\frac{1}{4}$
221 E	English a.	Selected topics: _____ (One-semester course)	1	$\frac{1}{8}$
222 E	English b.	Selected topics: _____ (one-semester course)	1	$\frac{1}{8}$
223 E	English c.	Selected topics: _____ (one-semester course)	1	$\frac{1}{8}$

2) SEMINARS IN ENGLISH

220a AE	Pre-Seminar in English	Introduction to literary and linguistic research for seminar applicants.	4	1
220b AE	Seminar in English	Selected topics for junior seminar members.	4	1
220c AE	Seminar in English	Selected topics for senior seminar members.	4	1

II) LANGUAGES.

1) CLASSICAL LANGUAGES:

Latin is considered necessary to the full understanding of the English language and of the student's cultural heritage. Its grammatical structure is the basis of modern Romance languages, and it is helpful in the proper understanding of other Indo-European languages. During the first three years, students master the fundamentals of Latin in order to enjoy Latin as elective in the upper forms.
In the 4th, 5th, and 6th forms introductory Greek may be taken parallel with Latin or in place of it.

a) **LATIN**

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
231	Latin I	First half of usual first-year High School Latin. Fundamental principles and usages of grammar. Simple texts for reading, including data about Roman life.	4	½
232	Latin II	Second half of usual first-year High School Latin, and the first third of usual second-year Latin. More advanced grammar. Text analysis. Selected chapters from Caesar. Roman life.	4	½
233	Latin III	Completion of second-year Latin. Survey of grammar. Text analysis: Caesar and some Ovidius and Vergilius.	4	1
234 E	Latin IVa.	Appreciation of Latin literature; selected texts from Vergilius, Catullus and Martialis. Excerpts from Tertullianus, Hyeronumus and Augustinus.	2	½
236 E	Latin IVb.	Appreciation of Latin literature; selected texts from Tacitus and Horatius. Excerpts from medieval and humanist authors.	2	½

b) GREEK

237 E	Greek I	Introductory Greek. Elements of grammar. Reading of simple Greek texts supplemented with reading of well chosen translations.	3	½
238 E	Greek II	More complex grammatical patterns. Selections from Platon and Homeros. Selected poems of Anacreon and Sappho.	3	½
239 E	Greek III	Reading and analysis of one dialogue of Platon and selected texts from Aristoteles and the Greek drama. Selected texts from late Greek authors.	3	½

2) MODERN LANGUAGES:

The objective in modern languages is to give students a working knowledge of at least one, but preferably two widely used Indo-European languages in both conversational and literary fields. The conversational aspect is reinforced

by the requirement that students spend two vacation periods, if at all possible, in an environment where the principal language they have been studying is spoken.
Every student should take one modern language from the second form through the 6th forms, and preferably a second language from the 4th through the 6th forms. The following languages are offered: French, Spanish, Russian and German, according to the need of the students. Modern languages are taught in 5 weekly periods in the lower forms, and in 4 weekly periods for upper classmen. The second modern language is offered after the 3rd form on. The second language, however, may be replaced by one Oriental language. Additional elective languages offered: Hungarian, Italian, Polish.

a) GERMAN (five-year sequence):

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
244	German Ia	Conversations incidental to daily experiences. Elementary linguistic patterns. Simple exercises in reading and writing. Short oral and written reports on everyday experiences.	5	1
245	German IIa	More complex linguistic patterns and reading and writing exercises. Oral and written reports on German geography and history. Mastery of active vocabulary of 500 words and passive vocabulary of 2000 words.	5	1
246	German IIIa	Selections from contemporary German literature. More advanced conversational practices. Oral and written reports based upon the covered material. Syst. grammar.	5	1
247 A	German IV	Introduction to scientific German and German literature through selected readings. Advanced conversational practices. Oral and written reports. Term paper in selected topic in German.	5	1
248 A	German V	Literary forms with a survey of the History of German literature. Review of systematic grammar. Longer oral and written reports on topics related to German culture and to the student's specific field of concentration. Book reports and one term paper.	5	1

GERMAN (three-year sequence):

241 E	German I	Conversations incidental to daily experiences. Elementary linguistic patterns. Simple exercises in reading and writing. Short oral and written reports on German geography and history. Mastery of active vocabulary of 500 words, and passive vocabulary of 2000 words.	4	1
242 E	German II	Introduction to scientific German and to German literature through selected readings. Conversational practices. Oral and written reports based upon material covered. More conscious use of correct grammatical forms.	4	1

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
243 EA	German III	Literary forms with a survey of the History of German literature. Selections from German poetry and prose. Systematic grammar. Longer oral and written reports on topics related to German culture and to student's specific field of concentration. Book reports and term paper from latter field.	4	1
b) RUSSIAN (five-year sequence):				
251	Russian I	Audio-lingual introduction to the Russian language. Elementary grammar and simple conversation. Listening comprehension exercises and dictation. Introduction to reading and writing.	5	1
252	Russian II	More complex linguistic patterns in conversation. Reading and writing. Topics selected from everyday life. Simple conversations and oral reports.	5	1
253	Russian III	Short stories: reading, discussions. Oral and written reports. Review of grammar on systematic basis.	5	1
254	Russian IV	Reading of easier Russian authors with special emphasis on Russian verbal system. Systematic grammar. Composition and conversation based on reading material.	4	1
255	Russian V	Guided reading of contemporary and classic Russian literature. Introductory study of elements of scientific style. Review of grammar on advanced level. Longer oral and written reports.		
c) POLISH:				
256 E	Polish I	Introduction to the Polish language: conversation and simple reading-writing exercises.	2	½
257 E	Polish II	Intermediate Polish: selections from Polish literature. Systematic grammar.	2	½
258 E	Polish III	Reading and writing exercises. Excerpts from Polish cultural history.	2	½
d) SPANISH (five-year sequence):				
261	Spanish I	Simple conversational patterns using audio-lingual method. Reading exercises. Listening comprehension and elementary writing. Simple grammatical patterns.	5	1
262	Spanish II	More complex conversational forms. Selected reading from Spanish magazines. Simple compositions. More complex grammatical patterns.	5	1
263	Spanish III	Selections from contemporary Spanish literature. Further development of conversational patterns. Reading. Composition. Systematic grammar.	5	1

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
264 A	Spanish IV	Literature of Spanish Romanticism: Spanish and Latin American authors. More complex conversational practices. Term paper in Spanish on a selected topic.	4	1
265 A	Spanish V	Selections from the Golden Age of Spanish literature. Discussions about historical and political problems of Spain and Latin America. Two longer compositions on literary and historico-political problems of Spanish-speaking countries.	4	1
	SPANISH (three-year sequence):			
266 E	Spanish Ia	Simple conversational patterns and reading exercises. Elements of Spanish grammar. Reading and analyzing simple texts.	4	1
267 E	Spanish IIa	Selections from Spanish magazine articles and simple texts related to Spanish culture in Spain and in the Americas. Exercises in composition and more complex grammatical patterns.	4	1
268 E	Spanish IIIa	Selections from the literary traditions of Spain and Latin America. Review of Spanish grammar. Term paper about one historico-political or literary problem of Spanish-speaking civilizations in Spanish.	4	1
e)	FRENCH (five-year sequence):			
271	French I	Audio-lingual introduction to elementary conversations relating to school, family, home, recreation, social life. Simple reading and listening comprehension exercises. Elementary grammatical patterns. Cf. levels I and II in New York State syllabus.	5	1
272	French II	Conversations relating to everyday life and elements of French culture. Oral and short written reports. More complex grammatical patterns. Cf. level III in New York State syllabus.	5	1
273	French III	Reading and discussions concerning phases of French culture with oral and written reports. Cf. level IV in New York State syllabus.	5	1
274	French IV	Introduction to French literature, arts, music, science: reading, conversations. Oral and written reports on selected phases of French culture. Cf. level V in New York State syllabus.	4	1
275 A	French V	Advanced work in French literature and history. Review of systematic grammar. Oral and longer written reports on selected phases of French culture and history. Cf. level VI in New York State syllabus.	4	1

FRENCH (three-year sequence):

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
276 E	French Ia	Introductory course: grammatical patterns, reading and writing exercises. Method used: combination of the audio-lingual approach with the more traditional methods, with emphasis on understanding texts in French instead of conversation.	4	1
277 E	French IIa	Reading and discussion concerning phases of French culture, with written and oral reports. Systematic grammar.	4	1
278 E	French IIIa	Introduction to French literature. Scientific and historico-political writings, according to the specific concentration of the student. Systematic grammar. Two book reports in French and one term paper in the student's specific field.	4	1
f) HUNGARIAN:				
291 E	Hungarian I	Introduction to conversational Hungarian.	2	½
292 E	Hungarian II	Intermediate course in Hungarian literature.	2	½
293 E	Hungarian III	Advanced Hungarian literature and history.	2	½
g) ARABIC:				
297 E	Arabic I	Introductory course a) Writing, reading, simple conversations. Elements of grammar.	2	½
298 E	Arabic II	Introductory course b) Extension of course Ia.	2	½
299 E	Arabic III	Intermediate course in Arabic language, with simple reading exercises from Arabic literature.	2	½
h) _____:				
281 E	_____ I	Introductory course a) Writing-reading, simple conversations. Elements of grammar.	2	½
282 E	_____ II	Introductory course b) Extension of course Ia.	2	½
283 E	_____ III	Intermediate course with simple reading exercises from the literature of _____	2	½
i) _____:				
284 E	_____ I	Introductory course a) Writing-reading, simple conversation. Elements of grammar.	2	½
285 E	_____ II	Introductory course b) Extension of course Ia.	2	½
286 E	_____ III	Intermediate course with simple reading exercises from the literature of _____	2	½
j) LINGUISTICS:				
299 E		Introductory course to linguistics.	2	½

3) SEMINARS IN LANGUAGES.

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
300 AE	Pre-Seminar in languages	Introduction to the methods of linguistics and history of literature, for eligible upper-classmen.	4	1
240a AE	Classical Philology Seminar	Junior seminar for eligible upper-classmen.	4	1
240b AE	Classical Philology Seminar	Senior seminar for eligible upper-classmen.	4	1
249a AE	German Seminar	Junior seminar for eligible upper-classmen.	4	1
249b AE	German Seminar	Senior seminar for eligible upper-classmen.	4	1
259a AE	Seminar in Slavistics I	Junior seminar in Slavistics for eligible upper-classmen.	4	1
259b AE	Seminar in Slavistics II	Senior seminar in Slavistics for eligible upper-classmen.	4	1
270a AE	Seminar in Romance Languages I	Junior seminar for Romance languages for eligible upper-classmen.	4	1
270b AE	Seminar in Romance Languages II	Senior seminar in Romance languages for eligible upper-classmen.	4	1
294a AE	Seminar in Hungarian I	Junior seminar in Hungarian language and literature.	4	1
294b AE	Seminar in Hungarian II	Senior seminar in Hungarian language and literature.	4	1

III) HISTORICAL (SOCIAL) STUDIES.

The aim of the historical studies program is to help the students acquire a proper frame of reference as an aid in locating, relating, and interpreting complex historical events. There is an inherent difficulty in teaching history to young children: they are not very conscious of the passage of time. But properly presented frames of reference and carefully coordinated curricula seem to be helpful in developing historical consciousness and understanding. According to our plan the development of human civilizations is presented to our students in a six-year sequence, with American History integrated into this presentation in forms III., IV., and V., when the History of our country fits into the general flux of World History. Rounding out the historical studies, courses are offered in Physical (form I) and Cultural (form II) Geography. Anthropology-Sociology (form IV), Economics (form V), and the History of Philosophy (forms V., and VI.)
To deepen and synthetize the understanding of human history and the place of man in it, a topically organized team course is offered to senior students, entitled "The Phenomenon of Man". Additional elective courses in the Greek Heritage and seminar work are planned to make the history (social studies) program of the school deeper in certain aspects of historical studies.

1) WORLD HISTORY (History of Civilization) and AMERICAN HISTORY:

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
301	History I	World History: Ancient civilizations with emphasis on the civilizations of the Fertile Crescent, the Mediterranean area and Asia, until about the first century A.D. Skills: Concepts in history. Outlines and note-taking.	4	1
302	History II	World History: From the first century A.D. until about 1450 A.D. European and Asiatic History. American: History of New York State. Skills: Simple term papers. Statistical tools and graphs.	4	1
303	History III	World History: European and Asiatic History and development of the Americas from 1450-1660. American: American aboroginal civilizations. Colonial period. Skills: Comparative historical essay. Biographical sketch writing.	4	1
304 A	History IV	World History: From 1660 to 1789. Parallel with Asiatic, African, and South-American developments. American History and Government: The United States from the Independence to the Civil War. Skills: Area studies, library techniques. Term paper in World and American History.	5	1
305 A	History V	World History: from 1789 until 1914 with special emphasis on the parallel development of the various great civilizations and of their conflicts. American History and Government: from the Civil War until World War II. Skills: organized term papers and book reports from American and World History.	5	1
306 A	History VI	Contemporary American and World History from 1914 until 1960. Skills: two term papers, one of them dealing with specific problems of Asia, Africa or South America. Book reports.	3	½
307a AE	History	Special course in: _____ (one-semester course)	2	¼
307b AE	History	Special course in: _____ (one-semester course)	2	¼
308a AE	History	Special course in: _____ (one-semester course)	2	¼
308b AE	History	Special course in: _____ (one-semester course)	2	¼

2) CULTURAL GEOGRAPHY, ANTHROPOLOGY-SOCIOLOGY, ECONOMICS:

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
312	Cultural Geography	Survey of the most important cultural geographical data from demographical, political, and historical aspects. (one-semester course)	2	¼
314	Cultural Geography	Main categories of cultural geography. (one-semester course)	2	¼
322	Anthropology	Introductory course. The emergence of man. Some aspects of human culture in historical dimensions: language, music, and art. Science. Morality and Religion. Cultural growth and spread. Patterns of human civilizations. (one-semester course in form IV.)	2	¼
323	Sociology	Introductory course. The social processes. Organization of people. Social institutions. Social change. (one-semester course for form IV., second semester)	2	¼
311	Economics I	Introductory course. Basic economic concepts and national income. Determination of national income and its fluctuations. The composition and pricing of national output. Distribution of income: the pricing of the productive factors. International trade and finance. Current economic problems. (for form V. students)	2	½
312	Economics II	Practical problems of Economics. Lectures by business and financial leaders of Buffalo.	1	¼

3) PHENOMENON OF MAN:

Team course for senior students to assist them better to understand the meaning of human existence.

331	Psychology	Introductory course in the psychology of personality.	2	½
332 A	Man in Nature	Recapitulation of the biological aspects of human existence. (one-semester course)	1	⅛
333	History of Religions	Introduction to the mainfacts, concepts and theories of the history of Religions.	1	¼
334	History of Science	Salient points in the history of science. (one-semester course)	1	⅛
335	History of Art	Main types of artistic expression in the history of human civilization.	1	¼
336	History of Music	Introduction to history of music.	1	¼
337	World Literature	Types and masterpieces of world literature.	2	½

4) SPECIAL COURSES IN PSYCHOLOGY:

151 E	Psychology of Sex	Introduction to the psychological and moral implications of sexual differences. (one-semester course)	2	¼

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
340 E	Psychology of Adolescence	Introduction to the psychology of adolescence (one-semester course)	2	¼
341 E	Psychology	Special topics: _____ (One-semester course)	2	¼

5) GREEK HERITAGE:

Under the title "Greek Heritage" one-semester courses are offered for those students who do not take Latin in forms IV. and V. The courses are compulsory and are offered alternately.

350	Greek Heritage Ia.	Introduction to Greek mathematics.	2	¼
351	Greek Herit. Ib.	Analysis of two Platonic dialogues.	2	¼
352	Greek Heritage IIa.	Introduction to Greek astronomy.	2	¼
353	Greek Heritage IIb.	Analysis of one Greek tragedy and selections from the Greek lyrical poetry.	2	¼
354	Greek Heritage IIIa.	Introduction to Greek medicine and biology.	2	¼
355	Greek Heritage IIIb.	Reading and analysis of Greek historical works.	2	¼

6) SEMINARS IN HISTORICAL AND SOCIAL STUDIES:

370 AE	Pre-seminar in Social Sciences	Fundamental concepts and methods in social sciences. (For students in form IV. as prerequisite for junior and senior seminar work).	4	1
310a AE	Seminar I in Am. History	Selected topics and simple research projects in American History for junior seminar members.	4	1
310a AE	Seminar II in Am. History	Selected research projects in American History for senior seminar members.	4	1
310b AE	Seminar I in World Hist.	Selected topics and simple research projects in World History for junior seminar members.	4	1
310b AE	Seminar II in World Hist.	Selected topics and research projects in World History for senior seminar members.	4	1
330 AE	Psychology-Anthropology Seminar I	Simple research projects in Psychology or Anthropology for junior seminar members.	4	1
331 AE	Psychology-Anthropology Seminar II	Research projects in Psychology and Anthropology for senior seminar members.	4	1
342 AE	Seminar in _____ I	Simple research projects in _____ for junior seminar members.	4	1
343 AE	Seminar in _____ II	Research projects in _____ for senior seminar members.	4	1

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
371 A	Pre-seminar in Humanities	Series of lectures by guest scholars in humanities.	1	¼

7) COURSES OFFERED ONLY in 1962-63, and 1963-64 for SENIORS:

321 A	History of Philosophy	Types of Oriental philosophical systems. Greek thought. Hellenism and Neoplatonism. Christian Philosophy. Synthesis of St. Thomas. Modern and contemporary philosophy.	2	½
322 A	The Phenomenon of Man	First semester: Introduction to Psychology of personality.		
		Second semester: Elements of Anthropology.	2	½

IV) FINE ARTS AND APPLIED ARTS.

In the teaching of Fine Arts and Music, the objectives are to introduce the students to actual art activities, to open their minds to great artistic creations and, in the case of specific art talent, to develop these talents through additional courses within the facilities of the Calasanctius School.
Mechanical drawing is used to help students develop manual dexterity and geometrical imagination. Furthermore, in the heavy intellectual program offered at Calasanctius, Music and Art courses, Fine and Practical, provide a needed balance.
During the Geographical and Historical Field Trips, students get an opportunity to further their art appreciation.

401	Art I	Elementary techniques in drawing and painting.	1	¼
402 E	Art II	Intermediate course in the use of artistic techniques.	1	¼
403 E	Art III	———	1	¼
450	Music I	Elements of sightreading and group singing.	2	¼
450 E	Music II	———	1	¼
460 E	Choral	Polyphonic choral for selected students.	2	¼
355	Hist. of Art	Cf. Social Studies department.	1	¼
336	Hist. of Music	Cf. Social Studies department.	1	¼

C) MATHEMATICS.

The study of mathematics is of central importance in the Calasanctius curriculum. Without an understanding of mathematics the problems and significance of modern science cannot be imagined. In addition, mathematics represents a creative and idealistic aspect of human thought and helps to form a connecting link between the humanities and the sciences.
After a survey of elementary arithmetic functions in the first semester of Form I. the courses follow a combined study of Algebra and Geometry. The goal, during the six years of mathematical studies, is to give students a good working knowledge of, and a proper approach to, the fundamental problems of mathematics, including Trigonometry, Analytical Geometry, elements of Differential and Integral Calculus, and of "Modern" Algebra.

Six years of mathematics, of 4-6 periods a week, are compulsory for all students. Upper classmen concentrating on mathematics are offered special advanced courses and seminars.

1) REGULAR COURSES IN MATHEMATICS:

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
501	Mathematics I	Review of Arithmetic. Introduction to Algebra.	5	1
502	Mathematics	Introduction to elementary Geometry. Measurements.	2	$\frac{1}{4}$
503	Mathematics II	Elementary Algebra and Informal Geometry.	5	1
504 505	Mathematics III	Review of elementary Algebra. Plane, Solid, and Coordinate Geometry (10th-year Math in New York State syllabus).	5	1
506	Mathematics IV	Intermediate Algebra. Trigonometry.	5	1
507 A	Mathematics V	Advanced Mathematics: elementary mathematical logic. Selected topics from Modern Algebra. Introduction to Analytical Geometry and Calculus.	4	1
508 A	Mathematics VI	College-level Calculus and Analytical Geometry.	4	1
508a AE	Mathematics VII	Intermediate Calculus and further topics in Analytical Geometry.	4	1
509 AE	Mathematics VIII	Introduction to Modern Algebra.	2	$\frac{1}{2}$

2) SPECIAL COURSES AND SEMINARS IN MATHEMATICS:

Special courses in Mathematics are offered from time to time as one-semester courses in one-weekly period for selected students, including:

1) History of Mathematics
2) Modern Algebra
3) Other selected topics.

520 E	Mathematics Sp. History	Ancient Mathematics: _____	1	$\frac{1}{8}$
521 E	Mathematics Sp. History	Modern Mathematics: _____	1	$\frac{1}{8}$
522 E	Mathematics Sp. History	Contemporary Mathematics: _____	1	$\frac{1}{8}$
525 E	Modern Abstract Algebra I	_____	1	$\frac{1}{8}$
526 E	Modern Abstract Algebra II	_____	1	$\frac{1}{8}$
527 E	Modern Abstract Algebra III	_____	1	$\frac{1}{8}$
528 E	Math. Sp. Selected topics	_____	1	$\frac{1}{8}$

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
529 E	Math. Sp. Selected topics	_____	1	1/8
510 AE	Pre-seminar in Mathematics	For eligible students from Form IV.	4	1
511 AE	Seminar in Math. I	For eligible junior seminar members.	4	1
512 AE	Seminar in Math. II	For eligible senior seminar members.	4	1

D) SCIENCES.

In the field of sciences, vertical programming is used to the fullest possible extent. Studies begin with clearly circumscribed courses in Biology, Physical Geography, Physics and Chemistry, with emphasis on simple experiments, measuring processes and basic concepts. By proper correlation of these subjects, students are expected to reach a well-organized understanding of the methods, the fundamental theories, the mathematical implications and the unity of these fields. They are provided a solid foundation in these studies, preparing them to pursue advanced studies in leading colleges and universities.

I) INTRODUCTORY AND SYNTHESIS COURSES:

670	Intr. to Phys. Sciences	Nature, tools and measurements in physical sciences. Geometric constructions. Measuring systems. Volume, linear and mass measurements. Fundamental concepts of chemistry: atom, elements, periodic table and families of elements. Mathematics of chemistry. (For form I. students)	3	1/2
332	History of Science	Cf. Social Studies department. One-semester course, for senior students only.	1	1/8
675	Philosophy of Science	Basic concepts of sciences. Philosophical assumptions of sciences. Epistemological considerations: "Science" and "Humanities". (one-semester course, for seniors only)	1	1/8

II) BIOLOGY:

Biology is the student's first acquaintance with scientific subjects. Since students in the first form lack the necessary knowledge of mathematics and chemistry, the first course in Biology is more on a descriptive level with emphasis on observable life functions. Through introduction to fundamental laboratory procedures, proper use of the microscope, and methods of scientific observation, students will build a sound foundation for developing an understanding of life processes. In the first three years students are expected to master the fundamentals of Biology. In the 4th, and 5th forms, these studies are deepened into certain specialized problems of Genetics, Adaptation-Evolution, and Animal and Cellular Physiology.

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
601	Biology I	Introduction to Botany. Laboratory proceedings and techniques. Functions of the cell. Characteristics of living beings. Plant body. Growth and development of plants. Life cycle of a f lowering plant.	5	1
602	Biology II	Introduction to Zoology. Characteristics of animal life. Detailed laboratory study of invertebrate animals.	5	1
603 A	Biology III	General Biology, with special emphasis on understanding of life processes and their chemical implications.	5	1
604 A	Biology IV	Genetics, animal physiology and problems of adaptation.	2	½
605 AE	Biology V	Introduction to cellular physiology and biochemistry.	2	½
611 A	Biology IVa	Genetics and problems in embryology.	2	½
332 A	Biology VI	Man in Nature (one-semester course for sixth form students.	1	⅙
613 AE	Biology	(one-semester course)	2	¼
614 AE	Biology	(one-semester course)	2	¼

III) CHEMISTRY:

The Chemistry program of the Calasanctius Preparatory School is planned to meet the educational objectives of a well-organized Chemistry course on a college level. With a carefully prepared sequence of courses, all students should be able to deal with simple chemical problems; and through a constant integration of theoretical correlations, selected experimentation, and simple research assignments, they are expected to understand the fundamental assumptions and logical structure of Inorganic and Organic Chemistry.

621	Chemistry I	Introductory course based upon laboratory exercises in selected topics of Qualitative Analysis.(offered only until 1961-62)	3	½
621a	Chemistry I	Introduction to Chemistry. Fundamental concepts of Chemistry. (offered instead of 621 from 1962-63 on)	5	1
622	Chemistry II	Theory of Chemistry A. Atomic theory of matter. Theories of chemical bonding and reaction. Kinetics. Basic concepts of physical Chemistry. The states of matter. Kinetic theory of gases. Structure of liquids. Laboratory plan: characteristic reactions exemplifying the material discussed in lectures.	5	1
623 A	Chemistry III	Theory of Chemistry B: Basic concepts of equilibrium. Solubility of products, constants and precipitation. Complex ions. Rate of reaction. Energy and chemical change. The metallic and non-metallic elements. Corresponding laboratory program.	4	1

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
624 A	Chemistry IV	a) Introduction to Organic Chemistry. Characterization of Organic compounds. Chemical bond and organic reactions. Laboratory work includes typical syntheses and personally assigned experiments.	4	1
625 A	Chemistry IV	b) Introduction to Biochemistry.	4	1
626 AE	Chemistry	(one-semester course)	2	¼
627 AE	Chemistry	(one-semester course)	2	¼

IV) EARTH SCIENCE AND ASTRONOMY:

The courses are designed to acquaint the student with the surrounding macro-cosmos. Physical Geography in the first form serves as a basic course in the understanding of the physical environment of human beings.

640	Geology	Introduction to Geology (one-semester course)	2	¼
641	Astronomy	Solar system. Stars and galaxies. Exploration of space. Data and theories about the cosmos. (one-semester course)	2	¼
642	Physical Geography	The earth and its land forms. The earth and its atmosphere. The earth and its oceans. The earth and the universe.	4	1
643	Physical Geography	Essential data about the land forms, atmosphere of the earth. Elements of the history of earth and of the problems of space.	2	½

V) PHYSICS:

The purpose of teaching Physics at Calasanctius is to acquaint the student with various aspects of classical and modern Physics. Suggestions and study plan of the Physical Science Study Committee are build into the program.
The student should achieve proper knowledge of the various facets of Physics in the fourth and fifth forms. The closing course in Physics in the sixth form recapitulates the theories and methods of modern physics, on a strictly mathematical basis on Advanced Placement level. Throughout the study of Physics, the interrelations with Mathematics and with Chemistry are stressed.

651	Physics Ia	Introductory course in Physics, emphasizing basic concepts and experiments.	5	1
652	Physics I	Time space. Measuring processes. Kinematics. Review of the atomic theory of matter. Light and mechanics. (PSSC course, Part I)	5	1
653	Physics II	Heat and thermodynamics. Sound. Electricity. Introduction to the Physics of atoms. (PSSC course, Part II)	5	1
654 A	Physics III	College level Physics course, following the suggestions of the Adavanced Placement Program.	4	1

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
660	Physics IIa	Approach to the basic assumption of Physics from the standpoint of PSSC.	5	1
656 E	Physics IV	(one-semester course)	2	¼
657 E	Physics V	(one-semester course)	2	¼
	VI) SEMINARS IN SCIENCES:			
690 AE	Pre-seminar in Science	Introduction to the scientific method. Principles of research, exemplified on simple research projects under the guidance of selected proctors in the field of specialization of the students. (for fourth form students applying to any of the science seminars)	4	1
610a AE	Biology Seminar I	Selected research projects for junior seminar members.	4	1
610b AE	Biology Seminar II	Selected research projects for senior seminar members.	4	1
630a AE	Chemistry Seminar I	Selected research projects for junior seminar members.	4	1
630b AE	Chemistry Seminar II	Selected research projects for senior seminar members.	4	1
655a AE	Physics Seminar I	Selected research projects for junior seminar members.	4	1
655b AE	Physics Seminar II	Selected research projects for senior seminar members.	4	1
680	Pro-seminar Lectures	Series of lectures by guest scientists from colleges and research institutes.	1	¼

E) RELATED FIELD STUDIES.

Field study trips of varying lengths are organized to permit direct experience relating to material being studied in the classroom especially in history, geography, and languages.
The field studies and trips also serve to strengthen self-reliance and cooperation through the rigors of camping. This type of activity develops a "pioneer" spirit, making students more appreciative of their heritage in addition to further developing their scholarly attitudes.
Through a series of properly planned and conducted field trips, students are expected to visit historically and geographically important parts of the United States and eventually to have an acquaintance with at least one foreign country.
Student participation in the field trips is required as an integrated part of the school year. Each student should take part in at least 5 different field trips. Two historic and geographical field trips may be replaced by special language field studies. Students are expected to spend two, 4-6 week periods in an environment where the principal language which they are studying is being spoken. Expenses for the non-luxury trips are kept to a minimum. The experiences gained in all aspects contribute substantially to the student's overall learning.

Course Number	SUBJECT	MATERIAL COVERED	PERIOD	UNIT VALUE
701	Field Trip I	New England States: Historical field trip.	2 weeks	½
702	Field Trip II	Great Lakes States: Geographical field trip.	2 weeks	½
703	Field Tr. III	South Eastern States: Geographical-Biological field trip	3 weeks	½
704	Field Tr. IV	Middle Atlantic States: Historical field trip.	2 weeks	½
705	Field Tr. V	Mountain States: Geographica-Historical field trip.	4 weeks	1
706	Field Tr. VI	Pacific States: Geographical field trip.	4 weeks	1
707	Field Tr. VII	North Canadian Geographical field trip.	2 weeks	½
708	Field Tr. VIII	Tenessee Valley Authority Sociological field trip.	2 weeks	½
709	Field Tr. IX	_____	2 weeks	½
710	Field Tr. X	_____		
720	French Field Studies:	_____		
722	Spanish Field Studies:	_____		
723	German Field Studies:	_____		
724	_____	_____		
725	_____	_____		
726	_____	_____		

F) PHYSICAL EDUCATION .

Individual development and skills are stressed in physical education. Group sports are not neglected, however, considering their role in developing character and physical ability. Organized ski camps and camping trips have a major part in the sports program. Classes in gymnastics meet two periods a week. In the interest of breaking the tedium of academics and balancing the program, twenty-minute daily physical exercise periods are offered.

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
901	Phys.Ed. I	General calisthenics and physical fitness program for First Form.	2	PH .E.½.
902	Phys. Ed. II	Physical fitness program. Team sports (baseball, basketball) for second form.	2	PH.E.½
903	Phys. Ed. III	Physical fitness program. Team sports (baseball, basketball) for third form.	2	PH.E.½
904	Phys. Ed. IV	Physical fitness program. Team sports (baseball, basketball), pentathlon, for fourth form.	2	PH.E.½
905	Phys. Ed. V	Physical fitness program. Team sports (baseball, basketball, elements of football), pentathlon, for fifth form.	2	PH.E.½

Course Number	SUBJECT	MATERIAL COVERED	WEEKLY PERIODS	UNIT VALUE
906	Phys. Ed. VI	Physical fitness program. Team sports (baseball, basketball, football or soccer), pentathlon, for sixth form.	2	PH.E.½
910	Phys. Ed.a	Individual sports: Boxing. Fencing. Judo. (efficiency in any of them)		PH.E.¼
911	Phys. Ed.b	Individual sports: marksmanship. (efficiency)		PH.E.¼
912	Phys. Ed.c	Individual sports: skiing, sailing, skating (efficiency in any of them)		PH.E.¼
913	Phys. Ed. d	Individual sports: golfing, hiking, Yoga.		PH.E.¼
914	Phys. Ed.e	Other sports: _____		
915	Phys. Ed.	Team sports: baseball (participation for 3 years).		PH.E.¼
916	Phys. Ed.	Team sports: basketball (participation for 3 years).		PH.E.¼
917	Phys. Ed.	Team sports: football-soccer (participation for 3 years.		PH.E.¼
918	Phys. Ed.	Team sports: _____		PH.E.¼
919	Phys. Ed.	Calasanctius Pentathlon: swimming; marksmanship; combined obstacle course and cross country; bycicle riding; 200-hundred-yard foot-racing.		PH.E.½
920	Phys. Ed.	Swimming: efficiency.		PH.E.½

G) CO-CURRICULAR ACTIVITIES.

1000	Academia	Active participation in the work of Academia (at least one yearly presentation) required each year for Co-Curricular credit.	CC¼
1001	Clubs 1	Pietati et Litteris: active participation in the literary club and magazine of the school. Each accepted contribution:	CC¼
1002	Clubs 2	Drama Club: active participation in performing acts in substantial role. Each role:	CC¼
1003	Clubs 3	Campanella Discussion Club: active participation for a year:	CC¼
1004	Clubs 4	Sic et Non Debating Club: active participation for a year:	CC¼
1005	Clubs 5	Galileo Club (for lower forms): active participation for a year:	CC¼
1006	Clubs 6	Fra Angelico Art Club: active participation with accepted work of art for exhibit. For each exhibit:	CC¼
1007	Clubs 7	Bartok Music Club: active participation, with accepted performance for certified progress in the field of music. After each year:	CC¼